

Automatic chemical analyzer

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Abstract

An automatic chemical analyzer having a plurality of reaction tubes which are mounted on a first turntable and held in a first circle. A first motor drives the first turntable such that the reaction tubes move along the first circle. A sampling nozzle distributes a sample to the reaction tubes. A plurality of first reagent vessels containing different reagents of a first group are mounted on a second turntable and held in a second circle concentric with the first circular path. A second motor drives the second turntable such that the first reagent vessels move along the second circle. A plurality of second reagent vessels containing different reagents of a second group are fixedly held in a third circle intersecting with the first and second circular paths. A reagent-distributing nozzle is moved along the third circle, thereby to distribute a reagent to the reaction tubes from any one of the first reagent vessels or any one of the second reagent vessels, or both.